

REMARKS

Reconsideration is requested.

Claims 1-18 are from the original patent and remain unamended. "The Examiner's indicated at the bottom of page 7 of the Office Action of January 5, 2005 that claims 1, 2, 3, 6, 11, 13, and 18 contain allowable subject matter, not taught by the prior art of record, is acknowledged. Claims 1-18 were not listed on the Office Action Summary. Listing of claims 1-18 as being allowed is requested.

Claims 20-38 and 44-53 were previously cancelled.

The Examiner's withdrawal of the 35 U.S.C. §103(b) rejection is acknowledged.

Claim 19 stands rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 4,960,983 to Inoue.

Claim 19, as amended, recites that the antenna includes a connection between the integrated circuit and a first antenna portion, the first antenna portion extending from at least partially within the recess to outside the recess, a second connection between the integrated circuit and a second antenna portion, the second antenna portion extending from at least partially within the recess to outside the recess, and a third antenna portion outside of the recess.

Support can be found in Col. 4, lines 51-65, of the patent.

The Inoue reference fails to teach or suggest an antenna that includes a connection between the integrated circuit and a first antenna portion, the first antenna portion extending from at least partially within the recess to outside the recess, a second connection between the integrated circuit and a second antenna portion, the second antenna portion extending from at least partially within the recess to outside the recess, and a third antenna portion outside of the recess.

Claims 39-43 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,566,441 to Marsh et al., in view of U.S. Patent No. 6,514,367 to Leighton.

Claim 39, as amended, recites providing a conductive film coupled to the first antenna port of the chip at a first end and extending over at least a portion of a first of the sidewall surfaces; and providing a second conductive film coupled to the second antenna port of the chip and extending over at least a portion of the second of the sidewall surfaces.

The Examiner has pointed to Fig. 23 of the Marsh et al. reference. The Marsh et al. reference fails to teach or suggest the sidewall surface portion over which the conductive film extends sloping at an approximately linear angle. Instead, the Marsh et al. reference discloses curved sidewalls, as seen in Fig. 23. The Leighton reference fails to cure the deficiency of the Marsh et al. reference.

Therefore, claim 39 is allowable. As claims 40-43 depend on claim 39, they too are allowable.

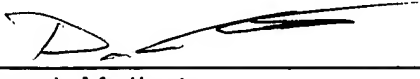
The dependent claims also provide additional patentable subject matter. For example, claim 43 recites that a portion of the antenna is formed using a first process and the first and second conductive films coupled between the antenna portion and the chip are formed using a second process. This is not shown in the Marsh et al. and Leighton references.

New method claims 44-101 have been added. Favorable consideration of the new claims is requested.

A Statement of Status of Claims and Support in accordance with 37 CFR 1.174(c) is attached as a separate paper.

This application is believed to be in immediate condition for allowance, and action to that end is respectfully requested. If the Examiner's next anticipated action is anything other than a Notice of Allowance, the undersigned respectfully requests a telephone interview prior to issuance of any such subsequent action.

Respectfully submitted,

Dated: August 15, 2005 By: 
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Encl.: Statement of Status of Claims and Support